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TITLE: Master information magnetic recording device - aligns master information carrier and magnetic recording medium by matching position of non-magnetic area of recording medium to marker provided in master information carrier

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PATENT-FAMILY:

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APPLICATION-DATA:

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BASIC-ABSTRACT:

NOVELTY - The information signal corresponding to the uneven shape of the master information carrier is recorded to the magnetic recording medium. The master information carrier and magnetic recording medium are aligned by matching the position of the non-magnetic area of the recording medium to the marker provided in the master information carrier. DETAILED DESCRIPTION - A ferromagnetic thin film is formed on the projection surface of an uneven-shaped

master information carrier (42) formed on a base. A magnetic recording medium e.g. hard disc (41) is stuck to the film. Magnetization of the film is formed using an external magnetic field.

USE - For recording predetermined information signal beforehand to magnetic recording medium used in magnetic recording-and-reproducing apparatus of high capacity and high recording density e.g. hard disc drive.

ADVANTAGE - Pre-format recording without eccentricity can be performed since geometric center of uneven-shaped pattern formed on master information carrier can be made in accord with center of magnetic recording medium. DESCRIPTION OF DRAWING(S) - The figure shows a cross-sectional view of the master information recording device. (41) Hard disc; (42) Master information carrier.

CHOSEN-DRAWING: Dwg. 4/17

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